

Meeting Description: Michigan Geographic Framework Users Meeting

Date: January 5, 2006

Time: 10:00 a.m.

Location: Michigan Center for Geographic Information, George W. Romney Building, 10th Floor, Conference Room

- I. Approval of Meeting Minutes
- II. Geographic Framework Program
 - A. Framework Activities and Update
 - B. Digital Ortho Update
 - C. NHD Update
 - D. Conferences Update

A. Framework Activities and Update

Krisanne McConnell, Center for Geographic Information (CGI) we are working on our last two months before lockdown. We are finishing up the ACT 51 updates and getting annexations in for 2005. We will be in lockdown March 1, 2006.

B. Digital Ortho Update

Rob Surber (CGI) we are continuing to work on a number of relationships with counties around the state. We have no new-signed agreements with counties since the last meeting with the Holiday period. There are several counties that we are getting closer to a signed agreement for the Ortho cooperative program. We update our status map as those come on-line on our web site. We did have a kind of outside of the program plan that we used for one county. We used separate monies because it was an urban area, high priority, Homeland security, 133-cities initiative and that would be the Grand Rapids area. They had a 2003 product and we were able to work that in. We do have a signed agreement with Kent County now. We will be making that available through our channels. This was outside of our current program. So if there were other counties that had 2003 data, we are not necessarily looking to bring anymore on. This was a unique situation. The specs on that was 6-inch black and white. We will have that on our web site. As information comes in we have for just general distribution a 2-foot generalized pixel product. The partners within the program will be getting the original data.

Joyce Newell (MDOT) how do we find out when it is available and secondly how do we get that from you?

Rob (CGI) the data will be made available in a variety of forms currently we have a file-based system. We are in discussions right now with various folks on solutions to provide more of a dynamic access point from our servers. That hasn't been finalized yet. The key requirement is that it needs to be easily accessible from a file-based system and that it is easy to get into the various products being used. The first place to check on updated information is the web site. John Gachugu (CGI) is managing the web site and all of the contracts when they're signed. He is keeping the spreadsheets up to date as far as the status of each county. He can be reached at (517) 373-7910 or GACHUGUJ@michigan.gov.

Larry Christenson, Woolpert Design – Is there any other initiative for a statewide program?

Rob (CGI) we are going to make some decisions in 2007 as far as what the balance of the state will look like. We are trying to partner and encourage counties and other municipalities, as many as possible through that time period, 2007-2008 to initiate their own projects and we come along side of them. We understand that there is going to be a significant portion of the state that just doesn't do that. We are working on the budgets right now to then have a contract or contracts depending on how things look. We want to be able to issue an RFP (Request For Purchase) somewhere within that time frame for the 2009 flight season. So, that at the end of that 5-years we are going to have complete coverage. We have some spreadsheets out on our web site and it looks like that at best it is a 50% partnership versus 50% state flown coverage. As it looks right now, it is not nicely grouped. Most of the southern counties are involved in some way, but there are a few holes. Just as an example, Calhoun County is a rather large area with no activity.

Larry (Woolpert) what about the state forest land and various other land areas?

Rob (CGI) the two major thrusts at the state level – one would be for base imagery and the other would be for a more vegetative type imagery acquisition. That was a part of the MDNR (Michigan Department of Natural Resources) Forestry program for monitoring Forests. That project was put on hold. I will certainly let this group and other forums know if there is anything brewing.

Pat Cummins, Environmental Systems Research Institute (ESRI) are you tracking through NSGIC (National States Geographic Information Council) or through USGS (United States Geological Survey) this initiative to push the Imagery For The Nation, a kind of Congressional initiative they are hoping to push?

Rob (CGI) we've had some discussions. I have talked with a few state agencies about that. I think there is support, but we have a lot of questions.

Pat (ESRI) It is a tough time to get a lot of traction in Washington D.C. on something like this. I think things like Katrina, wild fires and other things like these happenings make it a little easier to make the case. I know among the agencies, at least with USGS, the Department of Agriculture, and DHS (The Department of Homeland Security) they have really taken a strong interest in this and are trying to coordinate the Federal Programs and work with the locals. What I have recently heard is that they have found about \$15 million dollars from the last fiscal year to put into the Imagery for the Nations to give it a jump-start. I imagine there will be some kind of a competitive announcement for how that is allocated. The Imagery for the Nation's strategy is a three-year cycle to have updated imagery. They are working on higher resolutions for urban areas and a little less in Wyoming and Montana and some of the other states.

Rob (CGI) this concept extends our approach to work with locals and fill in the gaps and buy up when you can. You are going to have some regular coverage. It is predictable and

understandable. It has been a real selling point in Michigan that there is something going to be available for every part of the state on a regular schedule.

Bill Enslin, Michigan State University (MSU) just an update on NAIP (National Agricultural Inventory Program) the Presque Isle County mosaics are starting to come into our office. We are going to set-up an FTP (File Transfer Protocol) site by the end of the month. So, the partners will be notified and will have access to that.

C. Conferences Update

Rob (CGI) update on Conferences:

Remote Sensing Across the Great Lakes -

(Observations, Monitoring and Action) April 4-6, 2006 in Rochester, New York. They call it the Great Lakes Commission Regional Data Exchange Initiative.

There is also an Asset Management Conference on May 10, 2006 at the Kellogg Center in East Lansing, MI at 9:00am-5:00pm.

Steve Stepek, West Michigan Regional Planning Commission (WMRPC) there is an IMAGIN (Improving Michigan's Access to Geographic Information) Conference at Traverse City, MI on May 3-6, 2006. There will be a golf outing again this year. There will a reception for our speakers and vendors. We will have 6 free hands-on workshops and 6 free classroom workshops in addition to the speaker's schedules.

Eric Nischan, Michigan State Police (MSP) there is a Critical Infrastructure Protection Conference in Troy, MI. March 30-31, 2006. There is information on the web site:

www.michigan.gov/msp.

The Homeland Security Conference is the same week as the IMAGIN Conference in May 1-4, 2006 at the Amway Grand Plaza in Ada, MI. A lot of the grants have specific GIS components.

Joyce Newell, Michigan Department of Transportation (MDOT) I don't have dates yet, but there is a GIS-T Conference in Columbus, Ohio coming up.

Larry Christenson, Woolpert Design – there is a local region within ASPRS (American Society of Photogrammetry and Remote Sensing) it is a national organization for all of those types of GIS borders and fringes and is actively involved in our arena as well. We have a local region here in Michigan, the Eastern Great Lakes Region. If you are not a member and would like to attend our meetings you can contact me for more information at: larry.christenson@woolpert.com.

Pat Cummins (ESRI) the National ASPRS Conferences is also the same week as IMAGIN.

III. MDNR Projects and Activities
No Representative present.

IV. MDOT Projects and Activities

Joyce (MDOT) we are still working on looking at the bridges within Framework to see if we have them in the right places. We are also working on our AADT (Annual Average Daily Traffic) local road count program. We are getting the maps back to the regions and counties to make sure they are correct. Our mapping and graphics have a set of old maps that we use to always use. They recognize that their clients and customers want that kind of a map, but they can't produce it and update it anymore. So, they are looking at ways to get Framework as a backdrop for that map system. Most of our Asset Management data has come in.

V. MDEQ Projects and Activities

Dale Bridgford, Michigan Department of Environmental Quality (MDEQ) one of the big things we have going on is that we are still trying to get the coordination with CGI on the underground storage database. And we are continuing to find all of the abandoned dumps from pre-regulation days within a section to get better information.

VI. MSP Projects and Activities

Eric Nischan, Michigan State Police (MSP) we are working on preparations for the Super Bowl Sunday, February 5, 2006. We are working with USGS (United States Geological Survey) and the National Geospatial-Intelligence Agency (NGA) in coordinating our data requests for the local jurisdictions and the data that we already have. Imagery is a big deal with this event, so we are trying to get pre-released SEMGOC (Southeast Michigan Council of Government) 6-inch stuff, since that will be the most current. We are trying to coordinate all levels of government. Also, there have been a lot of interests from state police outside of our division for mapping and in GIS. We are working on developing some native capabilities. There has been interest in being able to call web maps. I believe that is something that CGI is working on. There is a lot of interests with state police and we are talking with the strategic national stockpile folks at the Michigan Department of Community Health (MDCH) that if there is a big biological event, such as Anthrax, there will be dispensing stations around the area. This is where you can go and get an antidote or medication. Public information is a big deal and you need a way to have people know where they need to go because different municipalities get to dictate how the medicine will be dispensed. So, you could be in one city and the post office will drop it in your mailbox or you could be in the next city over and you have to drive to a location to get it. Still other cities will have a location where you go through a drive-thru dispensary pick-up window. It varies community to community. So we need to be able to put that up on a map where you can put in your address and it will give you information on where the nearest dispensary is or that they will be mailing it to you. And there have been some interest in a sex offender, bombers and terrorist registry. Looks like that will be coming out in 2006.

VII. MDCH Projects and Activities

No representative present.

VIII. MSI Projects and Activities

No representatives present.

IX. CGI Projects and Activities

A. New Applications

Rob (CGI) the wildlife telemetry application, which we demoed tracking moose and wolves. That is complete and being used right now by MDNR. There is a fire application that is very close to being done. We are waiting on a direct connect with the weather service. The weather data is a real key piece to that. We are also working on our Map Michigan (MapMi) approved web site. We are modernizing it. Within one week, we will have 3 new services available – Geo code web service, Community search web service and an Identify web services. The Geo code web service is to work with addressing. You put an address in and it gives you back the coordinances and other types of information. The Community search web service – where is the community located, key word searching. It does use some search logic. We extended what the Community search abilities were of our current MapMi. You can go in and pull-it and plug it in to any application. And then the Identify web service – they want some sort of equivalency. They know some geographic information but they want to know what Legislative District it is in. So that will be available. We are going to continue to work on the MapMi Service. The PR Finder is available in Version 5 in the Framework. The State Parks Application that we will be updating and maintaining for all of the state parks information that is in acceptance testing. We are making some last minute edits. The MDEQ Underground Storage Application will be released the end of this week. They will be working on the water application as well.

There is a new application that has just been released. A note went out to all 660-road owner agencies: all counties, cities and villages who own roads. This particular application is going live on Friday. This letter went out for them to registrar for it. Will be taking a user name and key contact. That person will become the administrator for the site and then they will be able to administrate and add users at the jurisdiction. They will be able to delegate the authority for editing to other contractors or other regional planning commissions if the city or village doesn't want to edit the data. It is really to manage all road investment data. According to the law, all road agencies must submit what work they do on all of their roads. There will be training sessions set up in February. The Regional Planning Commission's are going to be the key education centers.

X. MSU Remote Sensing and GIS Research and Outreach Services Projects and Activities

Bill (MSU) nothing else to add.

XI. County/Local Projects and Activities

No representative present.

XII. Regional Projects and Activities

Dan Dillenger, Tri-County Regional Planning Commission (TCRPC) we are entering the QAQC (Quality Assurance and Quality Control) process with our ortho imagery. Ingham and Eaton Counties are almost done. Clinton County is just starting the QAQC process. Realistically we are looking at the end of February to be completed. The scanning took a lot longer than anticipated. This set everything back. The product is color 6-inch.

Steve Stepek, West Michigan Regional Planning Commission (WMRPC) we will be firing up our non-motorized map for MDOT. We are working on Asset Management stuff and Traffic Count things as well. We are also doing an economic development inventory for the MDEA (Michigan Department of Environmental Quality). We are doing some ground fields and industrial parks.

XIII. Federal Projects and Activities

Steve Aichele, United States Geological Survey (USGS) the NSDI (National Spatial Data Infrastructure) Cap Grants are still around they close at the end of this month. From our office we need to set up some kind of demo for that groundwater map web site that USGS put together. The liaison we had selected bailed out, so we are continuing to search.

XIV. Other Issues

Kathleen Weessies, MSU Libraries – if anyone is interested in historical Census data shape files, the library has data back to 1970 from this company called Geolitics. Columbia University is trying to develop this data to an on-line application. They put it out last year and it didn't go over to well. So, they are completely rebuilding it with GIS data and historical census data. It is still in the developing stages. Right now you can go to the NGA (National GeoSpatial –Intelligence Agency) Gazetteer of the World on-line and get Latitude and Longitude and you can go to the USGS as well.

X. Next Meeting Date

February 2, 2006 10 a.m. until 12 p.m., Michigan Center for Geographic Information, George W. Romney Building, 111 S. Capitol, 10th Floor, Lansing, MI 48933